

# Converting Colors

Hex(689D3C)

Have a look what the booklet for  
Hex(689D3C) contains.

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# Color

Hex(689D3C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	689D3C
RGB	104, 157, 60
RGB Percent	41%, 62%, 24%
CMY	0.5922, 0.3843, 0.7647
CMYK	0.34, 0.00, 0.62, 0.38
HSL	93°, 45%, 43%
HSV	93°, 62%, 62%
XYZ	18.5815, 27.3832, 8.5811
YIQ	130.0950, -0.4510, -41.4030

# Conversions

## Conversions Part 2

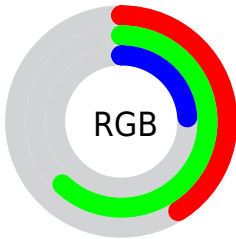
<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 157, 113
Decimal	6855996
CIELab	59.33, -34.50, 44.13
CIELCh	59, 56.010, 128.016
Yxy	27.3832, 0.3407, 0.5020
Android (android.graphics.Color)	4285046076 (0xFF689D3C)
YUV	130.0950, -34.5568, -22.8853
Hunter-Lab	52.3290, -28.1922, 26.9077

# Details

The Hex color **689D3C** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **713C9D**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **9ED46F**, and **336903** is the 20% darker color. If you saturate the color by 10%, you get **5F9D2C**, and if you desaturate by 10%, it is **719D4C**.

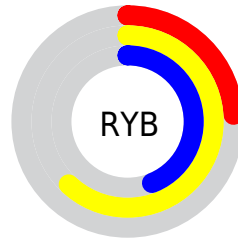
# Distribution



Red (41%)

Green (62%)

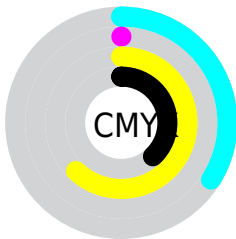
Blue (24%)



Red (24%)

Yellow (62%)

Blue (44%)

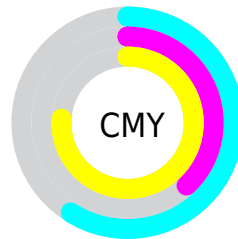


Cyan (34%)

Magenta (0%)

Yellow (62%)

Black (38%)



Cyan (59%)

Magenta (38%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 689D3C changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 689D3C by changing the saturation by 10% instead.



 689D3C

 689D3C

FFFFFF

 4E8322

 9ED46F

 336903

 BAF08A

 175100

 D7FFA5

 003900

 F4FFC0

 002500

 FFFFDD


 000000

 FFFFFA

 689D3C

 689D3C

 5F9D2C

 719D4C

■ 579D1D

■ 799D5B

■ 4E9D0D

■ 829D6B

■ 479D00

■ 8A9D7B

■ 939D8B

■ 9B9D9A

■ A49DAA

■ AD9DBA

■ B59DC9

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9D9123



689D3C



00A468

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



689D3C



009EEA



E86184

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



689D3C



713C9D

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



D568B5



689D3C



4190F1

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



689D3C



00A5CA



A27CDD



E16C55

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



689D3C



00A68A



A27CDD



E56194



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



689D3C



B7CCA5



9D703C



59664F



E6E6E6



666666



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



689D3C



7ACC35



3C9D3F



4B4F47



418F00



070F00



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



713C9D



8835CC



9D3C9A



4B474F



4E008F



08000F



# Previews

## White Background



This preview shows how the Hex color 689D3C looks on a white background.

## Color Contrast Check

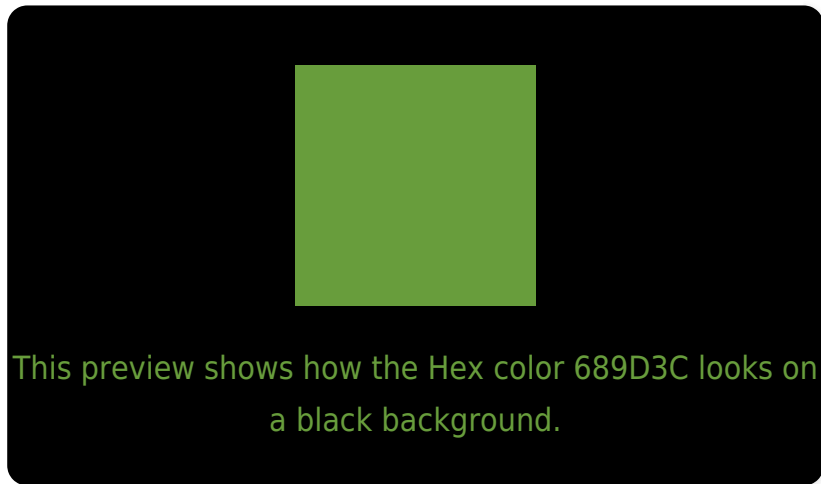
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 689D3C Background



This preview shows how black text looks on a background with the Hex color 689D3C.

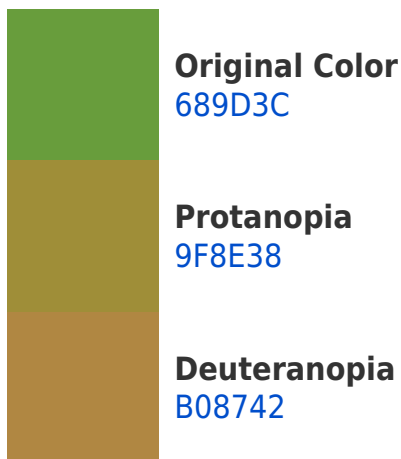



This preview shows how white text looks on a background with the Hex color 689D3C.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





**Tritanopia**  
76939F

# Trichromacy



**Original Color**  
689D3C

**Protanomaly**  
8B9339

**Deuteranomaly**  
968F40

**Tritanomaly**  
71977B

# Monochromacy



**Original Color**  
689D3C

**Achromatopsia**  
828282

**Achromatomaly**  
798C69

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 689D3C is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #689D3C looks like.

```
.text, #text, p{  
    color:#689D3C  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #689D3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #689D3C
}
```

## Border

The CSS property to change the border of an element to Hex 689D3C is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

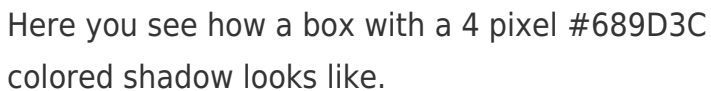
```
.border, #border, table{ border:4px solid
#689D3C }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#689D3C }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #689D3C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #689D3C; -webkit-box-shadow:4px 4px  
4px 4px #689D3C; box-shadow:4px 4px 4px  
4px #689D3C }
```

# Background

The CSS property to change the background color of an element to Hex 689D3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#689D3C }
```

If only the background color should be changed can be used:

```
.background{ background-color:#689D3C }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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